

**VERSION WITH MARKINGS TO SHOW CHANGES MADE**

**IN THE SPECIFICATION:**

Paragraph beginning at line 11 of page 3 has been amended as follows:

Fig. 1A to Fig. 1D ~~shows~~are evaluation results for sensitivity to morphine and (-)-U-50488.

Paragraph beginning at line 13 of page 17 has been amended as follows:

The results of the tail-flick and hot-plate tests performed for morphine (Mor) induced analgesic effect are shown in ~~Figs. 1, A and B~~Fig. 1A and Fig. 1B, and the results of the open-field test performed for morphine-induced hyperactivity are shown in Fig. 1, ~~C~~. Further, the result of the investigation for whether the CXBK  $\mu$ -OR gene induces reduction of analgesic effects of (-)-U-50488 (U-50), which is a selective  $\kappa$ -agonist, in CXBK mice are shown in Fig. 1, ~~D~~. The values mentioned in Fig. 1A to Fig. 1D are represented as average  $\pm$  SEM. Each group consisted of 10 animals for Fig. 1A to Fig. 1C, and each group consisted of 6 animals for Fig. 1D.

**IN THE CLAIMS:**

Claims 7-10 have been added.